is six years old; with four she is seven.

No new rings are formed after the tenth

year. The deeper rings, however, and

the worn appearance of the horns, are

Cows should have no more hay, says

the National Live Stock Journal, than

they have time to masticate, and if this

is not enough for their necessities, they

should have some easy digesting con-

centrated food along with it. The

manner pays the largest profits.

thickening soup, than cracker dust.

by mixing with soft-soap a little pow-

dered starch, half the quantity of salt,

and the juice of a lemon, and applying

is to the mildew stain with a paint

The following is recommended as the

best mode of cleaning gloves: Mix one-

fourth ounce carbonate of ammonia,

one-fourth ounce fluid chloroform, one

fourth ounce sulphuric ether, one quart

and wash as if washing the hands,

changing solution until gloves are clean;

Good Humor.

spot be removed.

inflammable.

pretty sure indications of old age.

A Country Boy in Winter. The wind may blow the snow about, For all I care, says Jack,

And I don't mind how cold it grow-For then the ice won't crack Old folks may shiver all day long, But I shall never freeze: What cares a jolly boy like me

For winter days like these. Far down the long snow-covered hills It is such fun to coast. So clear the road! the fastest slee There is in school I boast.

The paint is pretty well worn off, But then I take the lead; A dandy sled's a loiterer, And I go in for speed.

I almost do a man's work now,

It was old Riley Vaughn who spoke,

and although old Riley had no educa-

tion, his hard sense and sound judg-

ment were respected by all the men

who sat there in the village postoffice

waiting for the mail. He had grown

him. don't it?" asked Riley.

shudder at old Riley's English.

sive, but you an' all schoolmasters like

you ought to teach parrots. They don't

want no idees; they just want the

words, an' that's your notion o' learnin'.

That's the trouble o' this here country

jest seed right into the thing. Now !

house the whole season through. He's

or efforded by the spring and had

made a sort of a fan in the dining-room,

his books.

And help him many ways.

One day old Riley Vaughn was offer-When I go home at supper-time. Ki! but my cheeks are red! They burn and sting like anything; I'm cross until I'm fed. You ought to see the biscuit go, over Bush run, and now the time for citizen. I am so hungry then: delivery was near at hand, and no teams 'And old Aunt Polly says that boys could be had. All the horses were at Eat twice as much as men. work on the crops, and it began to appear that old Riley must either lose There's always something I can do To pass the time away; money on the contract by hiring horses and mules and teamsters at ruinous The dark comes quick in winter-timeprices, or forfeit the contract itself. He A short and stormy day tried in every direction to get mules And when I give my mind to it, and wagons, offering twice the usual It's just as father says, wages, but still he could get very few.

had seen that season.

sure to add, "It's a pity he is so dull."

I like to hear the old horse neigh Just as I come in sight, The oxen poke me with their horns To get their hay at night. setting them up at a distance from Mr. William Earl Hidden, said : Somehow the creatures seem like friends, each other, and sighting from one to And like to see me come. Some fellows talk about New York. But I shall stay at home. -Sarah O. Jewett, in Harper's Young People. A DUNCE'S WORK. "Hamp See, a dunce! Well, maybe so; but arter what I've seed, it 'ud take mile above the point where the bridge posed of alumina and glucina. The a smarter schoolmaster than you to was to be built. When he had done, make me think so."

> before Riley Vaughn. "Will it hire teams to haul stone?"

as he went; then he presented himself

prosperous by dint of hard work and asked Riley. good judgment, and his neighbors were accustomed to ask for and to respect his stone without teams." "If it will -. Well, let me hear what cutting. The colors are very bright, "I did not say precisely that, Mr. Vaughn," replied Mr. Penruddock, the

while speaking. schoolmaster. "I only said my best efforts to educate the boy were rendered futile and negatory by reason of his inexplicable inability to grasp and retain body else said you was; but this here ter is said to be unalterable by fire, air tain it, and the cow becomes permaso simple a thing as the accidence of looks as ef they was rig it an' 1 was or water. "That means, in plain English, that he ain't got no grip on what you teach "Yes, that is what I mean," replied the schoolmaster, with something like a tom?"

I will make an honorable exception in the matter of mathematics. He seems instinctively to grasp arithmetical printhe banks are nowhere less than five ciples."
"Yes," drawled old Riley; "one 'o feet high; and so, as there's a good deal more water running down in a day your boys tole me Hamp could figure than anybody would think, it's my out how long it 'ud take for a cistern to notion to build a temporary dam just get full ef they was three pipes 'o different sizes a runnin' into it, an' two others 'o still different sizes a-runnin' "Yes, he is expert in the practical banks are closest together. Before minations are peculiarly beautiful. applications of arithmetic; and yet in noon to-morrow the water will rise to arithmetic his standing is not good, because he seems incapable of mastering the exact terms of the formulæ and and four feet at the quarry, and your in the cold will explode like a pistol "Well, now, look here," said old

Riley, rising and striking the counter with his big fist; "it jest comes to this "How do you know there's only two foot fall?" asked old Riley, eagerly. here, the boy ain't got no grip on your words an' things; but he's got a good "I've leveled it," said Hamp. "That is, you figgered it out with grip on idees and principles, an' it's them sticks? my belief that's the inside o' sense I don't want to be unnecessarily offen-

"Yes." "Are you sure you've got the right

answer?" asked the old man, wild with eagerness. plant my sticks—"

down here; men learn words an' kin can't understand that ef you explain it; make speeches, but they can't do nobut look me in the eyes, boy. This thin'. Now I've seed that boy Hamp thing means thousands o' dollars to See do what nary a man in this county Riley Vaughn ef you've got your answer could do. I bought the fust reapin'right. I kin understand that much; machine as was ever seed in these parts, an' ef you've worked out this big sum an' when it came it was all to pieces, right for me, I'll choke the next man ing in the mountain townships of Fay. an' packed in boxes. I sent one arter that says you're a dunce jest 'kase you ette county, Pennsylvania, and a coranother fer all the blacksmiths an' don't take kindly to old Penruddock's respondent says the numbers of acceswheelwrights an' carpenters hereabout chatterin' sort o' learnin'. I'll do it, or sions to the ranks of polygamy are daily to set the thing up, an' I'm blest ef one

on 'em could make out which end o' the thing was foremost. Not one on five year now." 'em could put any two pieces together. Old Riley was vividly excited. He That 'ere boy hung around all the time, called all his men to the place selected, tell his old friends and neighbors what and set them at work building the dam. with his forred creased up like, an' finally he says to me, says he, 'Mr. Vaughn, let me try.' 'Well try,' says I; while Hamp looked on, and simply ducing a profound impression, and a made a suggestion for simplifying the large emigration to Utah is predicted. 'an' ef you git her together, I've got a work. The dam was finished at three They think that"the day of miracles is five-dollar bill fer you.' Maybe you o'clock in the afternoon, and at six not past, but that they are being daily won't believe it, but afore noon that very day, that there reaper was a-reapin'

wheat like a dozen hands. The boy the quarry.
"There!" said Hamp "that proves my say of he's a dunce, the sooner most people in these parts lose their senses as far as the back water shows itself, an' gets to be dunces, the better 'twill and we have six inches of back water Engle is at the same time preaching be for all concerned." And with that at the quarry and two feet six inches at

old Riley stalked indignantly out of the the dam; so the fall is two feet." "It looks so," said Riley, who was Notwithstanding all that old Riley could say, however, public opinion was against Hamp See. It was certain that water. The workmen had gone home, all of them convinced that this attempt he was dull in his lessons. He could

not keep up with Mr Penruddock's was the wildest foolishness; but old or more be a curse?" There is a real classes, and instead of studying his Riley and Hamp waited and watched. Latin verbs, he was perpetually inter-"It doesn't rise so fast now," said rupting the school by asking Mr. Pen-Riley. ruddock to explain things like thunder

"That's because it has a larger surand lightning and the presence of shells face; but it still rises, and the surface in the rocks on the mountain, and the won't increase much more now, as curious ways plants have of taking care there's a steep place just above the that now flourishes in Utah in defiance of themselves-things which had no quarry, and it can't back any further

relation to the work of the school. It was agreed that Riley Vaughn could not The two waited and watched. Midknow anything about education, because he was not himself educated. It was even said-and this came to Riley's the dam. Still they waited and watched. ers-that he was prejudiced against At six o'clock in the morning the depth education. Even Hamp's mother was was four feet two inches. Then Riley discouraged. Hamp was always "pottering," she said, instead of attending to bring "a big breakfast for two." At is now holding forth to large congreseven o'clock the breakfast arrived, and gations in Louisville who pretends to "Why," she said, "he is been fooling with a spring on the hill back of the inches and a-half.

"It's a-risin' faster again," said and pipes to bring the water down here, Riley. and now he's turned the whole house into a mill." Then she would show her up the bluff banks now, and not spreadvisitor what Hamp had dor . He had

ing out as it rises," said Hamp. constructed an ingenious water-wheel with which to make the most of the eight and a half inches, and the men at | christianized America?"-Indianapolis set it to a variety of tasks. A stretch of beginning to load it. Ten o'clock the quarry had a raft ready, and were Journa line shafting passed under the Acor of brought four feet eleven inches of the house and bands were passed water, and at noon there were five feet through the floor to the churn and the and four inches.

work." said his mother. "And now he's inches to rise before doing that."

and has set that going, too, so that it a baby in the house, I believe he'd water's deep enough for raftin', and in her hand, "Well, sir," she said, make the water rock the cradle. But still a-risin'. It'll go over the dam in "What'll you have?" Topnoody stagit's discouraging about his studies. Mr. two or three hours more, an' I'll do what gered, but braced up. "Mrs. Topnoody, Penruddock is in despair, and says he den't know what is to be made of the John Hampden See's a dunce or anyand he tapped his breast dramatically can help it, which lies near any cropbe that considers the wants which every
and he tapped his breast dramatically
can help it, which lies near any cropbe that considers the wants which every
and he tapped his breast dramatically
can help it, which lies near any cropbe that considers the wants which every
and he tapped his breast dramatically
can help it, which lies near any cropbe that considers the wants which every The summer proved to be a very dry the old man rising and striking his fist ment." "Oh, you are, are you? Well, the ground of all pens and runs daily. rounded by those that love him, than one, and the gardens especially suffered in the palm of his hand. 'They've been Topnoody, I want you to understand The smaller the runs the greater must by those that admire his excellencies complain, Hamp had an idea. He al- vally edication; now I'll show 'em. I'm am the boiler that will blow up and on it.

crossel as well. He was very careful next week to get the rest o' his edicato keep all these trenches on one level. cation where they sell the sort o' edica-When he had finished, he laid a drain tion as is good for him-not a lot o' trench, so that the waste water, after tell your mother you're a goin' to New turning the wheel, was carried into the York right away, 'boy, an' 'at ole Riley

garden and emptied into the trench. Vaughn's a-goin' to foot all the bills Little by little the main trench filled; outen your interest in the comin' fac- to be desired in the way of growing then the water trickled into the smallory. You'll study all sorts o' figgerin' trenches, and as the spring from which "ork an' machine principles, in the big it came was a never-failing one, the garden was supplied with water school o' mines, an' then you'll go to all too poor, and it is believed that vegethroughout the dry, hot summer, and the big factories an' things." such a garden nobody in that region

spent three years in study, and returned People and that Hamp See certainly an accomplished mechanical engineer. pains should be taken to give the earth was a handy sort of boy; but they were He went into the factory as old Riley's a moist and full manure. Those dried ing extravagant prices for horse, mule, firm own many patents now on things market. The carrots that we have exor ox teams to haul stone. He had of his invention, and the factory is the amined have not half the sugar in them taken a contract to supply from his center of a prosperous region, in which | they should have, and the best roots are quarry the stone for the railroad bridge | Hampden See is an especially respected

Glittering accounts are given of the curious and interesting products of what is said to be the only mine of precious stones in the United States. The mine is owned by Hidden, Roberts & Yerrington. It is in Alexander county, He was in real trouble, with a loss of North Carolina, about sixteen miles several thousand dollars threatening from Statesville. It has been worked to thirty-six feet depth in the lowest One day Hamp, who knew what place, and a tunnel 261 feet long has trouble Riley was in, went down to the been cut, mostly through solid rock, creek, and, cutting several twigs, began for drainage. One of the proprietors,

"Our mine produces a considerable the other. The few teamsters who were variety of precious stones. We have at work watched him curiously, but already sold enough material to pay all could not make out what he was doing, expenses of the mine and our outlay He went up the creek with his sticks, for the property, which covers 153 acres. moving one of them at a time, and al- We have surplus material on hand. ways earefully sighting from one to The largest gem yet taken out is a Hidanother, or rather from one ove denite stone, which, when cut, weighed another to a third. In this way he 25.6 carats. The Hiddenite is a spoduworked up to the quarry, which was mene emerald, composed of alumina immediately on the creek, nearly a and lithia. The real emerald is com-Hiddenite is valued at from \$48 to \$150 he walked back, examining the banks a carat. Lately the mine has yielded about \$5,000 worth of true emeralds. Although none have yet been found to "Mr. Vaughan," he said, "I've an cut very large, they are valuable as idea that will help you out of your specimens. The largest piece yet taken out is a triple prism 81-2 inches long. It is valued at \$2,000. Many smaller pieces have been found. Some pieces "No; but it will enable you to haul are of very deep color. About onetenth of the Hiddenite found is fit for it is," said Riley, changing his purpose and even the smaller pieces are quite brilliant.

"Raft the stones down," said Hamp. "A new gem called rutile is among "Now look a-here, Hamp See," said the products of the mine. It is valued old Riley, "I've stood up fer you, an' at \$4 a carat, cut. It resembles the said you wan't no dunce when every- black diamond in its sparble. The lus-

"A peculiarity of some of the Hidsix inches o' water in it, a-bubblin' or two-colored. They seem to be dark around among the stones of the bot- blue-green in color down to the axis. The green is tinged with yellow through "Well, you see," said Hamp, "I've the axis. One very peculiar yield of leveled up from the quarry and there's the mine is what are called 'arrows of only two feet fall, or a little less, and love.' The stones seem to be like pieces of clear agate embedding little pencils or webs of sparkling hairs. When turned in the light, these curious stones glitter with beautiful changes and reflections. Most of the gems grow below the bridge-you've enough tim- in pockets, being attached to the walls. ber and plank here to do it with two In some cases prisms have been found hours' work of your men-building it, with the centers attached and the ends say, six feet high, there where the growing into space. Some of the ter-"A very curious product of the mine the top of the dam, and run. When it is a peculiar crystal enclosing fluids. does, you'll have six feet of water here Sometimes one of these specimens left

men can push rafts down as fast as they when the crystal freezes. Many of the large crystals are valuable as specimens. Some weigh as much as twenty-five pounds. The fine gems found in the mine are worth from ten to thirty times their weight in gold. A good deal of iron pyrites, or fool's gold, has been

While searching for minerals, farmers of Alexander county have found many curious Indian relics manufactured of stone. Although many of these stone articles are deftly fashioned, and "Never mind about how you do it; I the work of tools, they must have cost long and patient, as well as skillful labor.-New York Sun.

Mormon Proselytism in Philadelphia. or mineral constituents of plants, which The Mormon missionaries are operatmy name ain't Riley Vaughn, an' that's increasing. They are holding revival what I've been called for nigh unto fifty-meetings and report good success. One resident of Pennsylvania, and returns to a good thing polygamy is. He is pro-

o'cloc't the water had risen two feet six performed by the prophets in Salt Lake inches, while the back water had passed | City." His meetings are held in schoolhouses about here, and are largely attended. Any orthodox prayer-meeting work. The water is level, of course, stands no chance of a large gathering if held in the community where prophet Mormonism. He says the spirit of the word is upon him and he must proclaim His word. One of the young men who also eagerly watching the rise of the has lately become a convert here, when asked his opinion as to a plurality of wives, said: "If one wife is a blessing, to back the water a mile up the creek as all Christendom admits, how can two danger that if the government does not soon emphatically and thoroughly crush polygamy it will finally take root in many parts of our country. There are many dark and secluded places where the soil is ready for the noxious weed of law and government. "If one wife is a blessing, how can two be a curse?" In Thibet they ask, "If one hundred is night came, and the measurement a blessing, how can seven be a curse?" showed three feet six inches depth at Such questions properly come from people who believe that miracles are now performed, and unhesitatingly accept the prophets who claim to be sent a boy to his house with orders to divinely inspired. An itinerant preacher the measurement showed four feet three the gift of healing. He carries a vial anoints all the afflicted who present themselves having faith. Would it not "Yes; the level is climbing straight | be well to call our missionaries home, give the heathen of the South Seas and

A Big Head of Steam.

Topnoody made up his mind that he sewing-machine, and even the sausage chopper could be attached at win "I said the water would run over the don't deny that it's handy, and saves dam by noon, and it has still eight noon he called out impeture sly, "Mrs. Toppoody! Mrs. Toppoody!" Mrs. Toppoody! Mrs. Toppoody! Mrs. Toppoody! Mrs. Toppoody! Mrs. Toppoody! "I've missed it a little," said Hamp. was not going to be bossed any longer Topnoody! Mrs. Topnoody!" Mrs. T. "Well, that sort of a miss don't came out of the kitchen with a drop of and has set that going, too, so that it count," said Riley. "You've worked sweat on the end of her nose, a dish-rag the sum out right, anyhow, an' the tied round her head, and a rolling-pin thing like it. An' that ain't all," said _ "I am the engineer of this establish-

rounded by them, and the larger beds my pardner. John Hampden See, off FARM. GARDEN AND HOUSEHOLD. vines "is of the most primitive description; merely cutting back all growth Fertilize the Garden. of the present year, to, say, three buds, Our vegetables are not as progressive | and thinning out superfluous shoots." from his water-wheel to the main words, but principles an' facts. You as they might be. Fruit culture has As fertilizer for the crop he uses and an apparent investment of \$51,

higher degree of perfection than vege- manure. table culture, and there is still much vegetables. We believe that much fault ork an' machine principles, in the big lies in the manuring of vegetable acol in New York what's called the grounds. The soil is allowed to get tables can be grown anywhere. Many This scheme was carried out. Hamp | vegetables require a rich moist soil, and wherever droughts are feared particular partner, and his work has been to im- up beans really lack moisture, so do prove machinery and processes. The many carrots and turnips now in the poor in color. Turnips are woody, and time for properly rurninating. that delicious vegetable, the kohl-rabi,

is as hard as stone, instead of possessing a moist, soft flesh. There is no juicy and toothsome meal than a chick. A Mine of Precious Stones in North doubt about it, we want much teaching One thing is certein, a three year-old in the growth of vegetables, and those fowl will make a much better broth for small, green tomatoes tell their tale an invalid than a six month's chicken. also. There is not much encouragement given at fairs for the growth of few generations, make scrubs of the vegetables. There would be no harm finest thoroughbred stock. Thoroughand meetings were to give their very scrubs, and the farmer who raises either best attention to the vegetable market.

> The First Calf. It is oftener the case when a heifer has her first calf, says the Indian Farmer, that the farmer thinks she will not give more milk than will keep her calf in prune in the autumn as soon as practigood condition, and lets them run together to teach her the mystery of being the vines are pruned and trained upon the renewal system it will be a very milked when she has her next calf. In go far to spoil the cow for future usefulness. Cows are largely the creatures of habit, and with their first calf every thing is new and strange to them, and they readily submit to be milked, and passed in the spring. think it is all right; but suffer them to will hardly forget in a lifetime. If they a greater objection than this. The calf | your dust baths ready for winter; Sand running with the cow draws the milk and finely-sifted coal ashes with a pound every hour or 12,0, so that the milk of sulphur to each bushel of the mix-vessels are at no time distended with ture, is the best. This should be put milk, though the quantity secreted in a in large boxes, and kept out of the rain.

given time may be large. But this is Whitewash the houses, putting in a gill the natural time to distend the milk of crude carbolic acid and a pint of ducts and expand the udder to a good common kerosene oil to each pailful of capacity for holding milk. When, with | slaked lime. her next calf, you require the milk to be retained twelve hours the udder becomes hard and painful and the milk leaks from the teats, or more likely, pound of jucy steak, from which all the confession that the injuries were inflict- consisting of four hundred lodges, and nature accommodates the quantity of the milk secreted to the capacity to repieces of about an inch square, salt and money from the accused persons and scalp dance. The Indians, however, future character of a cow, therefore, de-

Droughts and Fertility. A wise provision of nature says the Prairie Farmer "turns a long continued drought into one means of restoring or supplying elements of fertility of which many soils have been depleted by constant cropping. Mineral ingredients are indispensable to good crops. Chemical research has shown that an explanaganic or mineral constituents within over the apples and finish with the cream intelligent husbandman in restoring or buttered dish and pour over a few taken away more or less, by what is re- in while you prepare a batter of a pint moved by the land in the shape of farm of milk, three eggs, a cupful flour, a for by a wise provision the ingredients a quick oven to cook through. Serve hot. so much needed are brought up from depths below the reach of ordinary a cupful sweet milk, two and a half farm crops, and in this way when there tablespoonfuls melted butter, two cupis a long period of hot and dry weather fuls flour, two teaspoonfuls cream tara vast amount of moisture is carried tar, one teaspoonful soda, a pinch of the process of capilliary attraction, the buttered; bake three quarters of an moisture, which has been stored by hour in a moderate oven. Sauce: A previous rainfalls and snow, is brought cupful sugar, one beaten egg, a half from depths that vary according to the cupful butter, a half cupful hot water, texture of the soil and the severity of a little nutmeg; put in a dish, set in a the droughts. With the water comes, in kettle of hot water; cook till it thickens solution, a proportion of the inorganic a little and serve.

they are needed and will do the most Poultry. In the opinion of an English breeder fowls are largely neglected in the of these missionaries was formerly a winter months, and it is then when they are of the most value as layers and dealing with poultry. Some animals pecially when stuffed. feed all night as well as all day, and in this respect winter makes no difference to them; but with fowls it is quite bergamot, 60 drops essence of lemon, different, for the poor things have to 60 drops orange water, 60 drops musk. combat severe weather and long hours | Put these in a pint of alcohol. without food, and yet they are expected to be productive. Long, cold winter

are thus deposited within the reach of

present or future crops-that is, where

nights are enough to give disease to any fowl in the world when its stomach empty and has nothing to supply artificial warmth; but no one seems to trush on both sides of the linen. think of this. In the present month, for instance, feeding must take place on the grass day and night until the soon after four, and it cannot well be repeated until seven the next morning at the earliest, and on cold mornings that is in all probability eight, so that the bird's last meal has to last them sixteen hours out of the twenty-four. This is not as it should be, and our opinion is that feeding should be equalized, and, above all, the birds should quantity in a saucer, put on the gloves, have ample sustenance in the night to enable them to withstand the cold. It ing, because then they are active and find a great deal of food. We can only gers, etc., until they are dry and persay that if we kept a farm and intended to supply eggs to the markets our idea would be to arrange a system of silk cleaner; is perfectly harmless to birds wou ave food enough at the last meal to arry them on well to the morning. Stimulating food would then use it near fire, as the benzine is very do wonders, more than warmed houses of oil in his pocket, and after preaching and all the artificial heating we hear The following is a good recipe for reabout. In the summer time there is no | moving grease spots from paper : Scrape necessity, for the hours of daylight finely some pipe clay on the sheet of permit of three times feeding, say at paper which is to be cleaned. Let it six A. M., at two o'clock and at eight completely cover it, then lay a thin India a rest, and set them to work in o'clock at night. We know very well piece of paper over it, and pass a heated At nine o'clock the depth was four feet our own enlightened, civilized and that many of the finest birds have been iron on it for a few seconds. Then reared to their size in this way. This feeding has won many prizes and im-

not be found to be very irksome.

by a very large number, and when the it.

system has been well adopted it will

than that under same conditions, but He that regards the welfare of others should make his virtue approachable,

cultivated only three times. should be taken, therefore, to cleanse sistanco, must rather wish to be sur-

TIMELY TOPICS.

Twenty-nine railroads of the United States, with a mileage of 2,617 miles been brought, upon the whole, to a crushed bones and well rotted barnyard 278,000 in capital stock and \$76,645,000 in bonds and other indebtedness, were foreclosed the past year. A cow with three rings on her horns

> An Indianapolis child became a smoker under two years of age, beginning with very mild cigarettes, which his mother taught him to use in order to keep him quiet, and soon taking to strong cigars with great enjoyment. But at four he is in a hospital, undergoing treatment for spinal troubles brought on by the effect of the tobacco on his

ceed what they will eat up clean, and ter Democrat that the face of the sun is twice a day is often enough to give gradually brightening up, and that the storms in the great orb which are thought to have had such an unhappy It is the opinion of many that a fowl fattened quickly will make a far more effect upon our own globe are slowly subsiding. With these sun spots removed Vennor may be able to resume his weather prognostications with some slight possibility of verification. Poor shelter, care and feed, will, in a

if all agricultural societies, colleges bred scrubs are little better than native count of his attempts to mutilate an will always be poor. Breeding the best He avers in defense that she has bestock and keeping it in the best possible The best way all grapes, and especially with those not quite hardy, is to

the vines are pruned and trained upon small matter to Iay them upon the three inches of earth upon the shortened canes, which covering should be left on untill all danger of severe freezing is When young poultry have been run with the calf the first season, and allowed to contract the habit of of roost- me the evil of the system. There are region. However, this party was not a vicious habit is established that they ing in the trees no time should be lost many such persons in Utah, and the detected by the troops, and they reached in breaking them of it. Confinement tendency of their education being op- Deadwood Gulch in safety, and part of

APPLE TRIFLE. - Scald as many apples

lemon, grated fine, and sugar to taste. hiring men to carry his body to the Mix half a pint of milk, half a pint of grave. cream, and the yolk of an egg. Scald it over the fire, keeping it stirring, and

Stale bread should be cut in slices, Fish can be improved in flavor by subbing a little vinegar over the skin

tice will become universal. Killing Snakes With Dynamite. The stained article should then be left out | Rock (Ark.) Democrat: "After a long angles of its passages indicate latitude, search we found what is known as the based on the circumference of the earth, county. We commenced cleaning out for rest for those who buried the king distilled benzine. Pour out a small to the top, the head of a monster rattle- were two places for ventilation They snake peered from the opening made by are now closed. the removal of the rock, and before this shake was killed we found them breaking in upon us from other portions of sight, you become as silent and thought- his words. take off, squeeze them, replace on the wall, and from their hissing and rat- ful as the Sphinx seems to be. The imtling and onward march upon us, retreat | mensity of the larger ones would not | for we may throw out so many reproachwas our only safety. With rocks, shotgun seem so great if they were Alps or Atlas fectly fitted to the hand. This cleaner is also an excellent clothes, ribbon and and revolver we battled with the enemy, or Lebanon mountains—God's handithe most delicate tints. Apply with a retreated, as the tails of several were

seen protruding from the wall. but eight feet of this monster still re-

LIFE AMONG THE SIOUX.

We are glad to learn from the Roches-A Wisconsin farmer has been put

under bonds to keep the peace on acold lady whom he believes to be a witch. and Mr. Beck was among the number witched his cattle and has repeatedly entered his domicile through the chimney, the keyhole and other inconvenient and inappropriate apertures, contrary to his wish and to his great terror and distress.

ever submit to be milked quietly, it is evidently under protest. But there is or two will generally effect a cure. Get hostile to the institution."

Deadwood Guich in safety, and part of them went to work developing the St. church property is valued at \$500,000.

ample of the miscarriage of justice is which himself and family called their reported from the English town of home. BAKED SOUP FOR INVALIDS.—Take a prosecutor has just died, leaving a full to the Indian village of Rosebud, then tain it, and the cow becomes permanently a small milker. Much of the hold two pirts; pour into it a pint and a

pieces or about an incn square, sait and money from the accused persons and scalp dance. The indians, however,
persons and persons and scalp dance. The indians, however,
persons and persons and scalp dance. The indians, however,
persons and persons are included into persons and persons and persons and persons and persons are included into persons and persons and persons are included into persons are included into persons are included into persons and persons are included into persons are includ dtwo pirts; pour into it a pint and a the innocent convicts, who has a de- tween death and becoming members of half of cold water ateaspoonful of whole pendent wife and nine children, has down a creek that ain't got more'ne six denite stones is that they are dichroic pends on her treatment with her first rice; cover the saucer, and let it bake lain in jail ill and near death through of the Caucasian, and Beck formed no slowly for four hours; remove any fat imprisonment and despair. It is a exception. He doffed his mining garb as, when pulped, will cover the dish you design to use to the depth of two or three inches. Before you place them in the dish add to them the rind of half a most difficulty was experienced in going Indian.

> The irrigation of large tracts of land tion for failing productiveness of soils that were originally rich, is found in many cases in the exhaustion of inormany cases in the exhaustion case in the inormal case in the inormal case in the inormal case Manures and judicious rotation of crops are the expedients of the provident and intelligent husbandman in restoring or buttered dish and named to be stated a problem in connection with the further settlement of that region. Most of the lands in buttered dish and named to be stated a problem in connection with the further settlement of that region. Most of the lands in buttered dish and named to be stated a problem in connection with the further settlement of the lands in the lands supplying these ingredients which are spoonfuls of cold gravy. Let it soak have been subjected to irrigation are of the class frequently termed desert lands: without irrigation they are utterly products. A very dry season may be tablespoonful melted butter, a little valueless for agricultural operations, accepted as not utterly unprofitable, salt. Pour this over your meat. Set in but with it their productivity is astonishing. Since the latter fact has been demonstrated there has begun a large emigration into the counties named, and extensive irrigation works have been constructed at heavy expense. ing worn out, their game supply seant, The possibility of chills and fever was from the earth by evaporation, and in salt; put into a two-quart dish well sand sail and dre climate. The recess of conilliant attraction the until the malarial symptoms made their as their pride could endure, but finally appearance. The progress of the ague for the last two years has been rapid and other captives returned to civilization general, and as irrigation has comparativel; as yet merely begun, the future is Rock agency, but so bronzed 'y expodismal to contemplate. The inhabitants of the Brazos bottom are no worse off than those of the irrigated lands of Calfornia are likely to be. There is no exemption from the attacks, it being a dried in the oven, crushed with a roll- notable fact that the Chinese, who are ing-pin, and put away in a jar. It to a considerable extent employed as makes much better crumbing for frying laborers, do not enjoy the immunity and he could not consent to leave them oysters, croquettes, veal cutlets, or which attaches to the negroes in the in exile. After the surrender he joined swamps of the South. Various sugges- a wagon train en route to Fort Laramie, tions of remedies have beer nade, one idea being that if a system c thorough when their return should be the greatest. or adding a half-cupful of vinegar to drainage should be combined with that If it is right to give pigs and cows additional warmth, better food and housing (chowder) is the most economical of all Some benefit seems to be derived from Some benefit seems to be derived from or learn their fate. sure the same principle should apply in | dishes; baked fish comes next, es- | having rooms used as dormitories at a considerable elevation from the ground. and huts raised on long poles have been Cologne water can be made at home. tried, while one wealthy vine-grower Take 60 drops oil of lavender, 60 drops has built a three-story dwelling. Others seek immunity by living in villages at a distance from their farms and the irrigating ditches; and perhaps this prac-Mildew may be removed from linen

"Words cannot describe the picture pyramids are man's work. God works to hear. The master thinks it good presented, and the opinion of all was geometrically in the petals of the flower, that at least fifty of these huge reptiles | in the laminated foldings of the pearl, had been kilied, but when counted in the strata of the mountains, and in only eighteen rattle and one black snake, with the remains of a half dozen hers, this simple big square or triangle, to reflect alone upon what has passed that it does not need to be very hot. more shattered and scattered by the set on its larger end, now rough with in company, to distrust one's own opin- Five bundles a day, or 6:0 for the winproved breeds, and, depend upon it, most cases one application will be explosion, was the result of our hard-would increase the number of eggs laid found sufficient, but if it is not, repeat explosion, was the result of our hard-would increase the number of eggs laid found sufficient, but if it is not, repeat explosion, was the result of our hard-would increase the number of eggs laid found sufficient, but if it is not, repeat explosion, was the result of our hard-would increase the number of eggs laid found sufficient, but if it is not, repeat explosion. earned victory. The snakes were the largest of this species I have ever seen which lifted them in their geometric ion; it is easy to live in this world's opin- the room warm. The farmer, Mr. Rugthe smallest one measuring four feet order because man made it, becomes your own; but the great man is he who, bundles of corn stalks in two days seven and a half inches and the longest sublime by its work and its permaint he midst of the crowd, keeps with alone. I couldn't chop the wood to sonable than to lose the will to please one inch less than seven feet. The least nency. No demi-gods, no giants piled perfect sweetness the independence of warm this room in a week. Then in the Farm and Garden Notes.

In an experiment at the Illinois Industrial university, corn cultivated six times gave eight per cent. more crop than that under same conditions, but some sand good humor.

Sonable than to lose the will to please, and the power, or stilles was twelve and the weight the ambition to be remembered made the wight of the largest rattlesnake was twenty-the kind of influence before that of kind-ness and good humor.

Sonable than to lose the will to please, and the weight the ambition to be remembered made the wight of the largest rattlesnake was twenty-the kings of Egypt confiscate and press than seven reet. The least number of rattles was twelve and the weight the ambition to be remembered made the kings of Egypt confiscate and press that of kind of influence before that of kind-ness and good humor.

Sonable than to lose the will to please, up these honors to dead royalty; but the ambition to be remembered made the wight the ambition to be remembered made the wight the kings of Egypt confiscate and press that least number of rattles was twenty-the and the weight the largest rattlesnake was twenty-the have to cut up the same cornstalks in the spring to get them away from the six pounds and four ounces. The black the labor of hundreds of thousands of look for the hole; and equally so is it snake was perfectly immense, but we slaves for a score or more of years, and were unable to get the exact length, as all that their mummies might be handed Fowls will never touch food, if they that it may be loved and copied; and the state of the state can help it, which lies near any crop- he that it may be loved and copied; and thrown heavenward by the dynamite, quent nations.—Congressman S. S. Cox.

mained with his strange associates." Professor Edward D.Cope, the Phila- voyages to the West Indies, besides charge that the star route thieves had for water. When the people began to a sayin' that ole Riley Vaughn didn't that I"—and she looked dangerous—"I be the cleanliness and the labor spent or solicit his favors, for admiration delphia geologist and palæontologist, other sea navigation, and never had a broken into his house and robbed him. ceases with novelty, and interest gains thinks he has discovered a "missing keel touch bottom and never collected complain, Hamp had an idea. He sale ways had an idea when an emergency agos have here the ways had an idea when an emergency arose. He went into his mother's agree. He went into his mother's arose. He went into his mother's arose. He went into his mother's arose. He went into his mother's arose in the middle, and making the engineer over into the next had an idea when an emergency agon't to make this dam a permanent sling the engineer over into the next like a naked mountain with mines of like a naked mountain start the tertiary formation of books and retires.

A very well-known and justly honord horticulturist, author of books and retires.

A man whose great qualities want the steam escaping. Topnoody: "Topnoody lear of the exciss for so maked mountain with mines of with the triary formation of the like and an ordinary in the promother. The link." In the tertiary formation of the a cent of insurance, says that he takes route thieves?" inquired the officer. same river, near Lewiston, are full of

The Romantic Career of a White Captive. Sabastian Beck is a name which no novelist would select for the hero, but a man bearing it is now in Chicago, is heroic enough to be the skeleton of a most entertaining frontier romance. Mr. Beck is fifty-seven years of age, sunbrowned and considerably shattered in health, but he is intelligent, and his story is vouched for in several letters he carries from well known army officers, who have had means of determining its truth.

From 1867 to 1870 the subject of this article was a soldier in the regular army, and when mustered out was a private in Company E. of the Ninth Infantry-the regiment now stationed at Fort Omaha. Retiring from the service, he settled in Chicago, where he worked at his trade, being a shoemaker. Business was good, and, himself and three other workmen had all they could attend to; but his years of army life, during which faculties should be highly developed, his regiment had been frequently transferred from one fort to another on the frontier, had rendered him unfit for the duty of labor. Work is honorable; unexciting life of a cobbler, and in 1875 he sold his business, determining to seek a fortune in the West. The gold discoveries in the Black Hills about this time began to excite public interest,

who caught the mining fever. He packed up his household goods, and with his wife, two daughters and a son of 12 years, he left Chicago March, 10, 1875, and landed in due time at Cheyenne. Here he joined the company of General Carpenter of Sedalia, Mo., who led twenty-five families into The late Orson Pratt was one of the the hills. They had wagons, camping original Mormon apostles, and none ex- outfit and provisions for six months. ceeded him in zealous propagation of Just about this time the President Mormon doctrines; but he failed to issued his order to the army, commandconvince his own son of their truth, ing the arrest of all persons who should and the latter gives the reasons as fol- attempt to cross the line into the Sioux lows: "I am the son of my father's reservation, which included what is now first wife, and had a mother who taught | the prosperous Black Hills gold mining

and he erected a log cabin about three-An extraordinary and melancholy ex- quarters of a mile from the diggings,

Leek. About a year ago two farmers | All went well with the daring miners living near that place were convicted until July 18, when they were surupon strong circumstantial evidence rounded by Sitting Bull's band of Sioux and upon the positive identification of and were made prisoners. Beck was the prosecutor, of committing an out- separated from his family, and has never rageous assault upon him, and sentenced seen or heard of them since. He was to ten years' penal servitude. The taken with several men of the company slight consolation to learn that the and assumed the blanket, paint and by a committee appointed to examine had used his blacking brush to polish memory of the heartless fiend whose feathers of a Sicux brave. He was given the facts, says: "More than four-fifths he kitchen stove. - Hawkeye. confession has been made public, is a young Cheyenne squaw, about eigh- of the young men of America are not held in such utter loathing by the com- teen years of age for his wife, and soon | under the immediate influence of the became to all appearances a thorough- church, and more than half are not

Moneka was the name of his dusky or even moral homes." sweetheart and bride. "Moneka," in The American Sunda the Sioux tongue is translated "my gives the following statistics in regard not feel safe.-Norristown Herald. eases to such an alarming extent as her. He soon learned the language aid to schools, having 6,720,000 memto present a serious problem in con- of the Sioux, and adopted himself to bers; value of publications distributed Fresno, Tulare and Kern counties that in the massacre on the Little Big Horn. Episcopal parishes in Massachusetts He followed the fates of his captors where the sittings are entirely freethrough all the weary months which followed while the war continued, and at last with them crossed the boundary free and carried on in entire dependinto the British possessions. His story of the sufferings of the red braves and their wretched families in

that wintry clime are enough to excite the hearer's compassion. Their clothand the deep snow and severe cold were bravely borne, and they struggled along, keeping soul and body together as long were forced to surrender. Beck and the with their red comrades at Standing sure that they could with difficulty es-tablish their identity as white men. \$96,141, and an expenditure of the same amount. There is a debt of \$17,-Mr. Beck says he could have escaped almost any time since they crossed the its organization \$990,059. The number

border, but his attachment to the gentle of students in all its schools the past Moneka had grown upon him and been year was 3,138. It has six chartered, cemented by the birth of two papooses, and, with Indian wife and babies, went to that post, where he left them and started east to Chicago. He is now striving to find his white wife and children,

The Pyramids of Egypt. The pyramids have three groups, and

are about sixty in number. They are all within a circuit of twenty miles. I heard Professor Proctor declare that they were astronomical observatories, | people should be patient. or stony telescopes. This has just this much truth, viz, that the opening is on | whose life accords with his teachings. the north side, and out of the dark tunnel in daytime the polar star can be The following is an extract from a seen. Others regard the large pyramid about. letter which appeared in the Little as a standard of measurement; that the 'Old Jackson Copper Mines,' situated on and the seasons and time. This is absothe rolling fork of Little river, Sevier lute nonsense. The angles were made an old shaft, and when about four feet | and queen, and who visited them after deep a large rock was removed by Mr. burial. The truth is that the pyramids Thompson, and before it could be raised are tombs, and nothing more. There always time enough for courtesy. Self-After seeing these six pyramids in a

managing to keep them all between the work. The largest one, the one we shaft, but with all we could do it was entered, is only 780 feet high and 764 feet square. It employed 100,000 men ten years to make the causeway to and thrown in their midst, and when the | transport the material for building, and smoke cleared away victory was ours, to build it 360,000 men twenty years! and all that were not entirely destroyed It does not, however, compare with "Nord Cap," even, nor with the Cathedral Dome in the Yosemite. But the

A retired Rhode Island sea captain, who boasts that he has made over 170 day and complained to the officer in

RELIGIOUS READING. Education

I have long since concluded that it is

the will of God that there should not be an ignoramus on the earth. I believe that it is the will of God that the whole human family should be liberally educated; and in order to bring about what we might properly be called a liberal education it is only necessary to observe one commandment in the decalogue, namely, "Remember the Sabbath day to keep it holy." If you have lived to be twenty-one years of age you have had three whole years of Sabbaths; if you have lived to be fifty years old you have had six years of Sabbaths, in which to cultivate your nobler faculties. When the religion of Christ shall become the religion of the world, when all mankind shall "remember the Sabbath day to keep it holy," I believe there will not faculties should be highly developed,

and that they should control our actions. Nor does this interfere with the work with the hards is as honorable as work with the mind; and when all men remember the Sabbath and carry out the principles of the Christian religion, semething far in advance of these glowing pictures drawn by the false reformers of modern times will be obtained, and will be the property and inheritance of the whole world. -E. O. Haven.

been dedicated in Denver, Colorado, within six months without debt.

Of the 6,229,000 Baptists in the United States, 1,698,000 are in the hot stove agrees with him.-Lowell South, of whom 740,000 are colored. Five thousand Pagans are reported as converted during the last executive en to put Alexander III. "in a hole." year through the missions in Siberia Wouldn't that be czar-chasm?—Norris-

of the Russian Holy Synod. There are in the Canadian Provinces 91 Congregational churches, with 51 pastors and 5,635 members. Their As to the fruits of the meetings of

1,000 being on the "anxious seat" at as "noter public." It was reported at the recent Evan-John of Abyssinia had agreed to allow the circulation of the Bible in his

kingdom, but was averse to Protestant missionaries settling there. Dr. John Hall, of New York, is re- and carried it up one flight. He got

ported to bave recently given the difference between the religious aspect of England and this country thus: "In Boston drummer.—Boston Post. A report made to a Lutheran synod

under the direct influence of Christian The American Sunday-School Union

"love." She had been made captive by to its work of 57 years: 69,846 schools

There are now about 40 Protestant some free partly through endowments, some through gifts, but many absolutely ence upon what the people coatribute from Sunday to Sunday at the services.

The English Church Missionary Society reports that on the Niger tribe after tribe are ready to receive teachers. On the delta of the Niger the people by hundreds are throwing away their idols, and the churches are thronged every Lord's Day, while the famous old temple at Bonny's, studded with human skulls, is going to ruin.

The Methodist Freedman's Aid Society reports receipts for the year of 138. The society has collected since eleven unchartered, one medical, and three theological institutions.

WORDS OF WISDOM.

the probable. mon to all men.

Success makes us soon forget the fight we made to attain it. Poverty wants some, luxury many, and avarice all things.

It's easy finding reasons why other Beautiful are the admonitions of him Those who are disposed to be uneasy will never want something to be uneasy

Sorrows are our best educators. A than a telescope.

ferried across the river Styx. Life is not so short but that there is

command is the main elegance. Language is a revealer of character. and that which a man would conceal by matic authors are present at the first group, and the other three groups in his acts and manner he cannot hide in Let us have done with reproaching:

> a hundred oars would not be able to carry the load. Sorrow is a kind of rust of the soul which every new idea contributes in its

> passage to scour away. It is the putrefaction of stagnant life, and is remedied by exercise and motion. Humility is a virtue all preach, few practice, and yet everybody is content

the clergy, the clergy for the laity.

to suppose, whatever space you occupy, that the world will miss you when you hear about these idiots up in Minnesota

Conclusive evidence: Mr. Slobson

walked into the police office on Satur "How do you know they were star

Baby'sdying, Let her spirit lightly float Through the sighing Lips of her-Still the marmur in her throat: Let the moan of grief be curbed-

Baby must not be disturbed! Baby's dving. Do not stir-Let her pure life lightly swim Through the sighing Lips of her-Out from us and up to Him-Let her leave us with that smile-Kiss and miss her after while.

HUMOROUS.

The weather is a proud. old thinghow often we hear of the weather-vane. Gets matters down to a fine point-The clerk of the police court. - Beston

-J. W. Riley

There are no pumps where the cocos-nut grows, which perhaps accounts for "No I shall leave my wife nothing,

said old Gribbs; "she's always had her will, and I'll have mine." She told him that she could read his mind like an open book, and then softly added, "blank book."—The Judge.

"I feel for you deeply," said the Religious News and Noteshungry man, probing about in his soup
Three Congregational churches have bowl for a stray oyster.—Bradford Tyndall's theory is that heat is simply

motion. The man who sat down on a An exchange says the Nihilists threa -

town Herald. The careless man and the thief are equally troublesome. Neither of them ever leaves anything where he finds it. Courier-Journal

The Indiana secretary of state re Messrs. Moody and Sankey in New-ceived an application from a justice of castle, England, an observer speaks of the peace who wanted an appointment A while ago a party of lynchers out West postponed the hanging five min-

gelical Alliance Conference that King utes to allow the victim time to finish smoking a cigar. This proves that the use of tobacco prolongs life. A man employed as a porter in a Texas hotel lifted a piano not long ago.

> hold of it in the darkness by mistake, thinking he was carrying the trunk of a The best sermon in the world never yet reconciled the proud man, trying to the new, to the painfully obstrusive and

> evident fact that the wife of his bosom New Yorkers meditate a new line of steamers which are to make the trip to Europe in six days. This is pretty quick ocean traveling; but until a line is started that will beat a cable dis-

patch America's defaulting cashiers will It is the night that a man is engaged to take his girl to the theater that it is sure to rain; but it is the cloudy day when he leaves home with his umbrella that it is sure to shine hard enough to make ice cream blossoms and cause the

mayor to issue a dog-muzzling bull.-Entertaining dialogue between a Danbury man and a New Haven man, at the Bridgeport railway station : New Haven Man-Any shooting up your way? Danbury man-Lots of it. New Haven Man (eagerly)-What uo they shoot? Danbury Man (looking up at the clock)-Guns, mostly.

"You must not smoke in this car," said an Austin avenue car driver to Gilhooly, who was the only occupant of the car. "Why can't I smoke?" I am the only person in the car." "It don't make any difference. Even when there is nobody in the car, smoking is not allowed."—Texas Siftings.

A man in Paris advertised for a domestic who was neat. There came to him a man with blue spectacles. "Your eyesight is bad," suggested the gentleman. "No," replied the applicant, "not at all; but I clean silverware till it shines so brightly that I am obliged to wear glasses to protect my eyes."

Hymeneal-A tall servant. A verv emphatic personage-G. Whittaker! A site for a gas house-Anthracite. Lawvears in Massachusetts carry green bags Youth locks at the possible, age at o show that tuey belong to the "Old e State." A weekly list of business Hope is the only good which is com- embarrassments might with propriety be called "Review of Week."

> "I know," said the little girl'to her elder sister's young man at the supper table, "that you will join our society for the protection of little birds, because mamma says you are so fond of larks." Then there was a silence, and the Limberger cheese might have been heard scrambling around in its tin box on the cupboard shelf. Zoologist .- How do we account for

sudden impulses to commit crime? Well, we accounted for our sudden imman may see farther through a tear pulse to murder our neighbor's boy on the ground that he put a string across Sincerity is the boat in which is em-barked as motley a crew as Charon ever though, that he succeeded. We merely felt the string with our foot, and got down on the ground to see what it was. -Boston Post.

An instance of professional friendship is thus recorded in Figuro: "Two dranight of an opera written by a mutual friend. A passage received an encore. 'An encore for those lines!' exclaimed one of the rival dramatists; I do not ful words on one another that a ship of see why!' 'It is not,' said the other, because they are good. They are called for again to see if they can be under-

An Iowa farmer, who has both coal

and wood on his farm, warms his house with cornstalks, and claims that they make the best and cheapest fuel he can get. He uses a large stove, and burns the stalks in tightly-bound bundles. doctrine for his servant, the laity for weighing about forty pounds each. A bundle burns three hours (without The best rules to form a man's char- flame) in an air-tight stove. The large who have fifty-acre cornfields, and still go cold or buy coal. Why, I'd rather burn cornstalks than cut maple wood ithin sight of the house.'

> Eagles, some of them of very large size, are unusually numerous along the Juniata river; and the Narrows, on the